

ABSTRACT OF THE DISCLOSURE

The distance measuring apparatus of the present invention comprises distance measurement value selecting means for detecting the shortest distance measurement value corresponding to the shortest distance among the plurality of distance measurement values, and selecting the distance measurement values which differ from the shortest distance measurement value by a value less than a predetermined threshold value; first computing means for calculating a first correction value, which is the mean value of the difference values between the shortest distance measurement value and the selected distance measurement values; second computing means for detecting the farthest distance measurement value corresponding to the farthest distance among the selected distance measurement values, and calculating a second correction value, which is $1/2$ the difference between the shortest distance measurement value and the farthest distance measurement value; and third computing means for calculating the autofocus data by correcting the shortest distance measurement value, adopting a correction value that is the lesser of the first correction value or the second correction value.